



HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

PROJECT NUMBER 1014468

RE: Asbestos and Lead-Based Paint Building survey Report
Fort MacArthur Community Center
Building 403
San Pedro, CA 90731

CSC LOCAL OFFICE Los Angeles/Chatsworth
21732 Devonshire Street
Chatsworth, CA 91311

CLIENT Department of the Air Force
493 North Aviation Boulevard
El Segundo, CA 90245
700 North Alameda Street

Attn: Elizabeth Jones, 61 CELS/CLCV Environmental
Operations

August 22, 2007

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I. INTRODUCTION

The Department of the Air Force retained Clark Seif Clark, Inc. (CSC) to perform an asbestos-containing material (ACM) and lead-based paint (LBP) building survey within the Community Center, Building 403 at Fort MacArthur in San Pedro, California. Mr. Christian Goerrissen, Cal-OSHA Certified Asbestos Consultant (CAC) No. 00-2840 and Mr. Dave Hall, California DHS Certified Lead Inspector/Assessor No. I-2558, of CSC performed the on-site asbestos and lead based paint survey on August 20 and 21, 2007.

II. PURPOSE AND SCOPE

The purpose of this investigation is to perform an ACM and LBP survey in order to aid the Department of the Air Force in planning for a future renovation project at the facility. The scope of work included:

- A visual reconnaissance of the readily accessible areas of the building to evaluate the possible presence of ACM and LBP.
- Collection of bulk samples of suspect ACM and submittal of samples to a NVLAP accredited laboratory for analysis.
- Assessment of the condition of suspect ACM.
- Collection of x-ray fluorescence (XRF) reading of potential LBP.
- Assessment of the condition of potential LBP
- Preparation of this report, which presents our data and summarizes the assessed materials.

III. SITE DESCRIPTION

This site survey was limited to Building 403, the Community Center at Fort MacArthur. The building is a single story approximately 14,000 square foot structure that holds a large kitchen, several dining rooms, restrooms, offices and conference rooms. The floors are primarily hardwood covered with carpet; vinyl-flooring materials are present in several areas. The interior walls are a combination of plaster and drywall, the ceilings are textured with a spray applied acoustical finish in the dining rooms and lay-in acoustical ceiling panels throughout the majority of the building.

An interior renovation project is proposed that will include refinishing the floors, performing electrical upgrades, refinishing or replacing doors and windows and removing the existing acoustical ceiling spray and ceiling tiles.

IV. BACKGROUND

A. ASBESTOS:

Currently, asbestos-containing materials are being removed and/or encapsulated in schools and public buildings because of the cancer risk associated with breathing asbestos.

Much of what is known about asbestos-related diseases come from studying workers in the various asbestos industries. Exposure to levels of airborne asbestos has been linked with a debilitating lung disease called asbestosis; a rare cancer of the chest and abdominal lining called mesothelioma; and cancers of the lung, esophagus, stomach, colon, and other organs.



The relationship between exposure level and health risk is complex. The potential for disease appears to be related to the physical and chemical characteristics of asbestos fibers as well as to the concentration of fibers in the air and each person's genetic susceptibility. However, the U.S. Government through the U.S. Department of Health and Human Services, has stated that, "evaluation of all available human data provides no evidence for a threshold or for a "safe, level of asbestos exposure.

Federal, State, and Local laws require that building owner(s) and/or their representatives, prior to any demolition and/or renovation operations that may disturb any asbestos-containing materials in their buildings, must meet the following requirements: Notifications; removal techniques for asbestos-containing materials; clean-up procedures and waste storage and disposal requirements.

In Los Angeles County, the South Coast Air Quality Management District (SCAQMD) must be notified 10 working days prior to the start of any asbestos-abatement projects that exceed 100 square feet of asbestos-containing material.

The Occupational Safety & Health Administration (OSHA) must be notified 24 hours prior to the start of any asbestos-abatement project.

B. LEAD-BASED PAINT:

Lead is a heavy metal, which accumulates in the body when ingested. It interferes with chemical reaction in the body and can result in reduced performance in school, kidney problems, liver damage, high blood pressure, immune system failure, coma, convulsions, brain damage, and in severe cases death. In pregnant women, lead poisoning, nerve damage, impaired blood formation, and infant mortality.

An estimated 3 to 4 million American children have damaging levels of lead in their blood. According, to the National Health and Nutrition Examination Survey, 50% (one half) of the adults and 88% of preschool children tested had high blood lead levels. Of those, 9% of the children met the center for Disease Control standards for lead poisoning.

Children usually are exposed through household dust contaminated by peeling, flaking, or chalking paint. Young children also may be poisoned during teething by mouthing on windowsills that contain lead paint. Also, last year more than 20,000 pieces of ceramics and glassware had to be removed from store shelves because of lead contamination.

Pottery and glassware containing lead is quite common. Lead paint and glaze were commonly used on items made in the U.S. before 1970 and are still used on imported ceramics. When those pieces are fired at temperatures below 1,200 degrees centigrade, the lead can be released into food. The most common sources of contaminated pottery and ceramics are Mexico and Italy. Research performed by the Food and Drug Administration indicated that nearly 10% of imported ceramics might release lead into blood.

The American Academy of Pediatrics recommends that children be screened for lead poisoning at 12 months of age and also that middle age men should have their blood level tested because of their susceptibility to hypertension.

According to public health experts, preventive measures should be taken to avoid lead poisoning. These measures include testing for lead in paint, pottery, ceramic dishes, and drinking water.



California OSHA (CAL/OSHA) requires a lead-work pre-job notification if the quantities of lead-containing materials to be disturbed exceeds 100 square feet or 100 linear feet OR if the tasks include torch cutting or welding exceeding 1 hour in any shift OR if the percentage of lead in the material to be disturbed exceeds 0.5% by weight (5,000 ppm), or 1.0 mg/square centimeter. The information and form required for notification can be found in 8CCR1532.1.

V. METHODS

A. ASBESTOS

Suspect asbestos materials are sampled and later identified using the Polarized Light Microscopy (PLM) method in accordance with the EPA Interim method of the Determination of Asbestos in Bulk Samples (EPA/600/R-93/116, July 1993). Sampling was performed in accordance with 40 CFR 763.86. Homogeneous areas were based on the total functional space. Number of samples per homogeneous area was taken as recommended under said section "Sampling Procedures".

The PLM Method is the most commonly used method to analyze building materials for the presence of asbestos. This method utilizes the optical properties of minerals to identify the selected constituent. The use of this method enables identification of the type and the percentage of asbestos in a given sample. The detection limit of the PLM method for asbestos identification is about one (1) percent asbestos. Because the State of California recognizes asbestos-containing building material (ACBM) as any material, which contains greater than or equal to one tenth of one percent (.1) asbestos, materials containing "trace" amounts of asbestos are reported as ACBM in the State of California. Clark Seif Clark recommends Transmission Electron Microscopy (TEM) analysis for asbestos samples with one percent (1%) or less asbestos content and Point Count Method with results ranging between two percent (2%) and ten percent (10%) when analyzed via PLM.

Documentation of the laboratory results should be retained as a reference for general building safety and maintenance, and for any future renovation/ demolition activities.

INSPECTION PROCEDURE (763.85)

Areas Inspected: In each area of the building, the inspector performed a preliminary walk-through to designate the functional spaces. He also noted which areas had homogeneous materials.

The inspector then visually inspected each accessible room or space in the building. The inspector touched suspect materials to determine if they were friable. For each suspect material, the inspector noted its condition and the potential for disturbance.

Quantities: Suspect asbestos-containing materials identified at the site were quantified. For extensive materials such as the transite siding and roof panels, general functional space measurements were used. Such measurements provide "approximate square or linear footage" (763.93 (d)(2)(ii)).



Suspect Asbestos-Containing Materials: The following materials were sampled for laboratory analysis:

- Pink 12"x12" vinyl floor tile with mastic, pink vinyl sheet flooring and 4" vinyl wall base with mastic found in the north entrances, snack kitchen and snack bar.
- Carpet glue found throughout much of the building.
- Caulking associated with the wood wall base.
- Interior drywall walls and ceilings found throughout much of the building.
- Interior plaster walls and ceilings found throughout much of the building.
- Acoustical ceiling spray texture
- 2'x2' acoustical ceiling panels

B. LEAD-BASED PAINT

Our inspector used a portable NITON-XL 309, XRF LBP Spectrum Analyzer manufactured by NITON Corporation to test for LBP. The LBP analyzer was equipped with 14 mCi, cadmium 109 sealed radioactive source. CSC calibrated the XRF pursuant to the manufacturer's specifications and regularly verified XRF readings against pre determined lead samples produced by the National Institute of Standards and Testing (NIST). The calibration data is attached hereto.

The HUD Guidelines define X-Ray fluorescent analyzer ("XRF") measurements greater than or equal to 1.0 mg/cm² (milligrams per square centimeter) or 5000 ppm (parts per million by weight) (0.5% by dry weight) using laboratory analysis, lead positive. Riverside County, Department of Health Services Guidelines define XRF measurements greater than 1.0 mg/cm² or 600 ppm (0.06%) dry weight using laboratory analysis, lead positive. This report reflects HUD Standards.

When performing lead-related construction activities, workers must be protected when exposed to levels above the current permissible exposure limit (PEL) of 50ug/cm², regardless of the content of lead in paint.

CSC referenced all building components as existing on either side "A", "B", "C", or "D" of the property. For the buildings interior, CSC reports designated side A, B, C and D as follows:

1. Side A is the north side of the building.
2. While facing side A, side B is the wall directly to the right of side A or the next side clockwise around the room.
3. While facing side B, side C is the wall directly to the right of side B or the next side clockwise around the room.
4. While facing side A, side D is the wall directly to the left of side A.

For the buildings exterior, CSC designated side A, B, C, and D, as follows:

1. Side A is the north side of the building.
2. While facing side A from outside of the building, side B is the wall directly to the left of side A.
3. While facing side B, side C is the wall directly to the left of side B.
4. Side D is the wall directly to the right of side A or directly to the left of side C.



VI. RESULTS

A. ASBESTOS

CSC collected a total of fifty-eight (58) bulk samples of suspect ACMs for analysis. The samples were submitted to CSC laboratory in Chatsworth, California for analysis. None of the materials sampled tested positive for asbestos. Furthermore, no additional materials were observed or identified as presumed asbestos containing materials.

B. LEAD-BASED PAINT

The following are the results of the positive lead-based paint surfaces (0.7 mg/cm² or greater):

TABLE II: LBP

Testing Combination	Substrate	Locations
INTERIOR COMPONENTS:		
Ceramic wall tile	Ceramic	The purple ceramic wall tile in the northwest men's restroom
Window casing	Wood	The white windows in the Ballroom (Room 5) and in the South West Room (Room 6)
Wall	Plaster	Limited to the "B" side plaster wall in the Ballroom (Room 5)

TABLE II: LBP

Testing Combination	Substrate	Locations
EXTERIOR COMPONENTS:		
Window casings and stools	Wood	The exterior windows throughout the building
Column	Wood	The beige columns
Eaves and Rafters	Wood	The beige eaves and rafters throughout the building
Note: These are the materials identified as regulated lead based paint; all of the coated surfaces assessed contain lead at various levels, which are lead containing and not considered lead based paint. It is advised that all work where painted surfaces are impacted is conducted in a manner to minimize the generation of dust.		



VII. CONCLUSION

A. ASBESTOS

According to the bulk sample results and visual inspection, no asbestos-containing materials were identified during the site survey that will be impacted by the proposed interior renovation project.

B. LEAD-BASED PAINT

All of the lead-based paint identified in the interior of the building was observed to be in a good condition at the time of the survey. No remediation actions are required at this time. The paint on the exterior eaves and rafters is peeling in localized areas.

VIII. RECOMMENDATIONS

A. LEAD

Based on the field assessment and XRF analysis, LBP is present at the facility. All identified lead-based paint is currently in good condition. CSC recommends that all identified LBP be maintained in a good condition.

Although there are no present state or federal laws dealing with mandatory abatement following the identification of lead-containing materials prior to disturbance of said materials, the Occupational Safety and Health Administration has promulgated legislation (29 CFR 1926.62 and 8 CCR 1532.1) entitled "Lead Exposure in the Construction Industry", which deals with worker exposure to lead. This legislation requires that any task that may potentially expose workers to any concentration of lead, be monitored to determine workers eight-hour time weighted average (TWA) exposure to lead. Further, prior to initiation of activities that may generate a lead exposure, such workers must have appropriate medical surveillance, hazard communication training and be properly fitted with respiratory protection and protective clothing until TWA results reveal exposures below the Action Level.

All work involving potential and identified LBP/LCSC surfaces should be conducted in accordance with Title 8, California Code of Regulations, Section 1532.1, 29 CFR 1926.62 and AB 2784.

Any cutting and/or heating of interior metal surfaces, containing toxic lead should be conducted in accordance with 29 CFR 1926.354. This regulation requires surfaces covered with toxic preservative, and in enclosed areas, be stripped of all toxic coatings for a distance of at least 4 inches, in all directions, from the area of heat application prior to the initiation of such heat application.

Contractor must perform all work in compliance with the most recent edition of all applicable federal, state, and local regulations, standards, and codes governing abatement, transport, and disposal of lead-containing/contaminated materials.



Clark Seif Clark appreciated having the opportunity to inspect your property. If you have any questions regarding this report, please don't hesitate to contact us at (818) 727-2553.

Respectfully Submitted,

Reviewed & Approved by:



Christian Goerrissen, CAC
Cal-OSHA Consultant No. 00-2840
DHS Lead Inspector/Assessor No. 13462
Clark Seif Clark, Inc.

Franco Seif, PE, CAC, REA
Project Manager
Clark Seif Clark, Inc.



CSC Project No.: 1014468

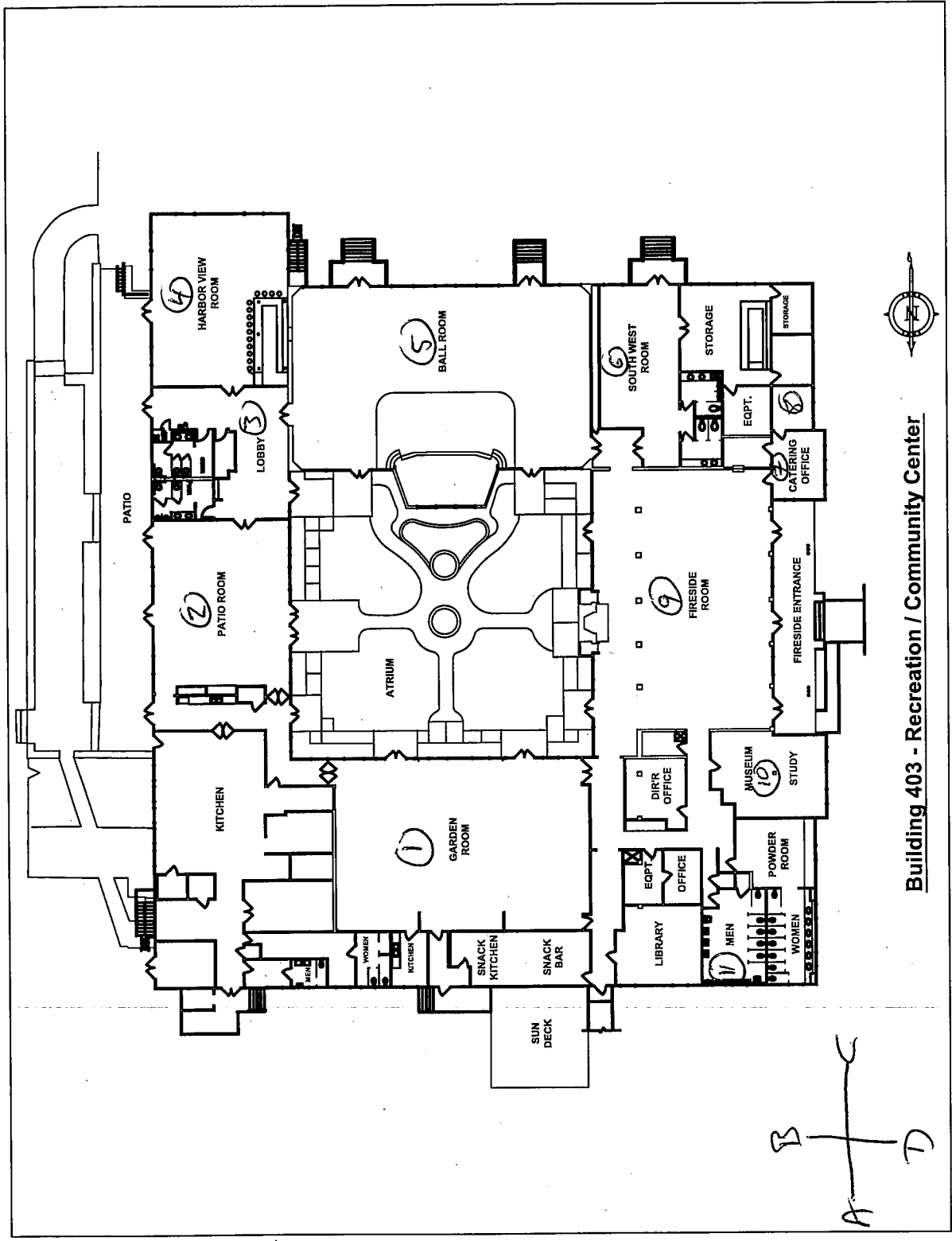
Project Name: Fort MacArthur Community Center

Project Location: Fort MacArthur, Building 403, San Pedro, CA

APPENDIX A

SITE PLAN





Building 403 - Recreation / Community Center

CSC Project No.: 1014468

Project Name: Fort MacArthur Community Center

Project Location: Fort MacArthur, Building 403, San Pedro, CA

APPENDIX B

SITE PHOTOS



APPENDIX C

ASBESTOS LABORATORY RESULTS & CHAIN OF CUSTODY FORMS





Asbestos Bulk Sample Analysis Summary

[Performed by EPA 600/R-93/116 Method]

Project Site: Fort MacArthur Community Center
Building 403
San Pedro, CA 90731

CSC Project #: 1014468
CSC Lab Ref. #: 22156
No. of Samples: 58

Client Name: Department of the Air Force
483 N. Aviation Blvd.
El Segundo, CA 90245

Sampling By: Clark Seif Clark, Inc.
Date Sampled: 8/20/2007
Date Reported: 8/21/2007

Sample No.	Lab No.	Sample Location	Sample Material Color & Description	Asbestos Mineral Type & Percent	Fibrous Non-Asbestos Material	Nonfibrous Non-Asbestos Matrix Material
4468B-01	9769	North entrance by snack bar and library	Pink 12x12 floor tile	ND	4% Cellulose 2% Glass fibers	94% Granular material, Calcite, Perlite, Quartz, Binder/Filler
4468B-02	9770	North entrance by snack bar and library	Yellow floor tile glue	ND	ND	100% Granular material, Binder/Filler, Calcite
4468B-03	9771	North entrance by snack bar and library	Pink 12x12 floor tile	ND	5% Cellulose 2% Glass fibers	93% Granular material, Calcite, Perlite, Quartz, Binder/Filler
4468B-04	9772	North entrance by snack bar and library	Yellow floor tile glue	ND	ND	100% Granular material, Binder/Filler, Calcite
4468B-05	9773	North entrance, north of garden room	Pink 12x12 floor tile	ND	5% Cellulose 2% Glass fibers	93% Granular material, Calcite, Perlite, Quartz, Binder/Filler
4468B-06	9774	North entrance, north of garden room	Yellow floor tile glue	ND	ND	100% Granular material, Binder/Filler, Calcite
4468B-07	9775	North entrance by snack bar and library	Pink 4" vinyl wall base	ND	1% Cellulose	99% Granular material, Binder/Filler
4468B-08	9776	North entrance by snack bar and library	Yellow wall base glue	ND	1% Cellulose	99% Granular material, Binder/Filler, Calcite
4468B-09	9777	North entrance, north of garden room	Pink 4" vinyl wall base	ND	1% Cellulose	99% Granular material, Binder/Filler
4468B-10	9778	North entrance, north of garden room	Yellow wall base glue	ND	1% Cellulose	99% Granular material, Binder/Filler, Calcite

ND = None Detected

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Sample No.	Lab No.	Sample Location	Sample Material Color & Description	Asbestos Mineral Type & Percent	Fibrous Non-Asbestos Material	Nonfibrous Non-Asbestos Matrix Material
4468B-11	9779	North entrance, north of garden room	Pink 4" vinyl wall base	ND	2% Cellulose	98% Granular material, Binder/Filler
4468B-12	9780	North entrance, north of garden room	Yellow wall base glue	ND	2% Cellulose	98% Granular material, Binder/Filler, Calcite
4468B-13	9781	Snack kitchen floor, northeast corner	Pink speckled sheet flooring	ND	12% Glass fibers	88% Granular material, Binder/Filler, Quartz
4468B-14	9782	Snack kitchen floor, northeast corner	Yellow floor glue	ND	3% Cellulose	97% Granular material, Binder/Filler, Calcite
4468B-15	9783	Garden room, northeast corner	Yellow carpet glue	ND	3% Cellulose 3% Synthetic	94% Granular material, Binder/Filler, Calcite
4468B-16	9784	Fireside room, west side	Yellow carpet glue	ND	3% Cellulose 4% Synthetic	93% Granular material, Binder/Filler, Calcite
4468B-17	9785	Ballroom, east side	Yellow carpet glue	ND	2% Cellulose 4% Synthetic	94% Granular material, Binder/Filler, Calcite
4468B-18	9786	Museum/study, south side (under carpet on sub-floor)	Yellow/black floor glue	ND	3% Cellulose 2% Synthetic 2% Glass fibers	93% Granular material, Tar binder, Calcite, Perlite, Binder/Filler
4468B-19	9787	Directors office, southeast corner (under carpet on sub-floor)	Yellow/black floor glue	ND	2% Cellulose 2% Synthetic 2% Glass fibers	94% Granular material, Tar binder, Calcite, Perlite, Binder/Filler
4468B-20	9788	Directors office, west wall at base	White caulking	ND	3% Cellulose	97% Granular material, Binder/Filler, Calcite
4468B-21	9789	Garden room, southwest corner at base	White caulking	ND	4% Cellulose	96% Granular material, Binder/Filler, Calcite
4468B-22	9790	Ballroom, southwest corner at base	White caulking	ND	4% Cellulose	96% Granular material, Binder/Filler, Calcite
4468B-23	9791	North entry, north of garden room	Drywall system - white joint compound	ND	ND	100% Granular material, Calcite
4468B-24	9792	North entry, north of garden room	Drywall system - white wallboard	ND	9% Cellulose	91% Granular material, Perlite, Quartz, Gypsum

ND = None Detected

Sample No.	Lab No.	Sample Location	Sample Material Color & Description	Asbestos Mineral Type & Percent	Fibrous Non-Asbestos Material	Nonfibrous Non-Asbestos Matrix Material
4468B-25	9793	Hallway by northwest restrooms	Drywall system - white joint compound	ND	ND	100% Granular material, Calcite
4468B-26	9794	Hallway by northwest restrooms	Drywall system - white wallboard	ND	11% Cellulose	89% Granular material, Perlite, Quartz, Gypsum
4468B-27	9795	Hall between garden room and patio room	Drywall system - white joint compound	ND	ND	100% Granular material, Calcite
4468B-28	9796	Hall between garden room and patio room	Drywall system - white wallboard	ND	12% Cellulose	88% Granular material, Perlite, Quartz, Gypsum
4468B-29	9797	Ballroom, northwest corner	Drywall system - white joint compound	ND	ND	100% Granular material, Calcite
4468B-30	9798	Ballroom, northwest corner	Drywall system - white wallboard	ND	13% Cellulose	87% Granular material, Perlite, Quartz, Gypsum
4468B-31	9799	Ballroom, south wall at west side	Drywall system - white joint compound	ND	ND	100% Granular material, Calcite
4468B-32	9800	Ballroom, south wall at west side	Drywall system - white wallboard	ND	10% Cellulose	90% Granular material, Perlite, Quartz, Gypsum
4468B-33	9801	Southeast entry to lobby, southeast corner	Drywall system - white joint compound	ND	ND	100% Granular material, Calcite
4468B-34	9802	Southeast entry to lobby, southeast corner	Drywall system - white wallboard	ND	12% Cellulose	88% Granular material, Perlite, Quartz, Gypsum
4468B-35	9803	Patio room, north wall center	Drywall system - white joint compound	ND	ND	100% Granular material, Calcite
4468B-36	9804	Patio room, north wall center	Drywall system - white wallboard	ND	10% Cellulose	90% Granular material, Perlite, Quartz, Gypsum
4468B-37	9805	Northwest hallway, west of garden room	White/gray/tan plaster system	ND	1% Cellulose	99% Granular material, Calcite, Perlite, Quartz
4468B-38	9806	Garden room, south wall	White/gray/tan plaster system	ND	1% Cellulose	99% Granular material, Calcite, Perlite, Quartz

ND = None Detected

Sample No.	Lab No.	Sample Location	Sample Material Color & Description	Asbestos Mineral Type & Percent	Fibrous Non-Asbestos Material	Nonfibrous Non-Asbestos Matrix Material
4468B-39	9807	Snack kitchen ceiling	Plaster system - gray rough plaster	ND	1% Cellulose	99% Granular material, Calcite, Perlite, Quartz
4468B-40	9808	Snack kitchen ceiling	Plaster system - pink buttonboard	ND	16% Cellulose	84% Granular material, Perlite, Quartz, Gypsum
4468B-41	9809	Snack bar ceiling	Plaster system - gray rough plaster	ND	1% Cellulose	99% Granular material, Calcite, Perlite, Quartz
4468B-42	9810	Snack bar ceiling	Plaster system - pink buttonboard	ND	14% Cellulose	86% Granular material, Perlite, Quartz, Gypsum
4468B-43	9811	Fireside room, north wall	White/gray/tan plaster system	ND	2% Cellulose	98% Granular material, Calcite, Perlite, Quartz
4468B-44	9812	Fireside room, south wall center	White/gray/tan plaster system	ND	2% Cellulose	98% Granular material, Calcite, Perlite, Quartz
4468B-45	9813	Patio room, west wall center	White/gray/tan plaster system	ND	2% Cellulose	98% Granular material, Calcite, Perlite, Quartz
4468B-46	9814	Fireside room, west side	White acoustical ceiling spray	ND	ND	100% Granular material, Calcite, Quartz
4468B-47	9815	Fireside room, south side	White acoustical ceiling spray	ND	ND	100% Granular material, Calcite, Quartz
4468B-48	9816	Ballroom, northeast above stage	White acoustical ceiling spray	ND	ND	100% Granular material, Calcite, Quartz
4468B-49	9817	Lobby, northwest corner	White acoustical ceiling spray	ND	ND	100% Granular material, Calcite, Quartz
4468B-50	9818	Patio room, northwest corner	White acoustical ceiling spray	ND	ND	100% Granular material, Calcite, Quartz
4468B-51	9819	Patio room, southeast corner	White/pink acoustical ceiling spray	ND	ND	100% Granular material, Calcite, Quartz
4468B-52	9820	Hall between patio room and kitchen, west side	White acoustical ceiling spray	ND	ND	100% Granular material, Calcite, Quartz

ND = None Detected

Sample No.	Lab No.	Sample Location	Sample Material Color & Description	Asbestos Mineral Type & Percent	Fibrous Non-Asbestos Material	Nonfibrous Non-Asbestos Matrix Material
4468B-53	9821	Hall at northeast corner of fireside room	White/gray 2'x2' ceiling panel (rough texture)	ND	30% Cellulose 35% Glass fibers	35% Granular material, Binder/Filler, Perlite
4468B-54	9822	Foyer by southwest room and ballroom	White/gray 2'x2' ceiling panel (rough texture)	ND	30% Cellulose 35% Glass fibers	35% Granular material, Binder/Filler, Perlite
4468B-55	9823	Southeast entry to lobby, northeast corner	White/gray 2'x2' ceiling panel (rough texture)	ND	30% Cellulose 35% Glass fibers	35% Granular material, Binder/Filler, Perlite
4468B-56	9824	Library storage ceiling	White/gray 2'x4' ceiling panel (fissured)	ND	30% Cellulose 20% Glass fibers	50% Granular material, Binder/Filler, Perlite
4468B-57	9825	Foyer by southwest room and ballroom	White/gray 2'x4' ceiling panel (fissured)	ND	30% Cellulose 20% Glass fibers	50% Granular material, Binder/Filler, Perlite
4468B-58	9826	Southeast entry to lobby, northeast corner	White/gray 2'x4' ceiling panel (fissured)	ND	30% Cellulose 20% Glass fibers	50% Granular material, Binder/Filler, Perlite


Bulk Material Analysis:

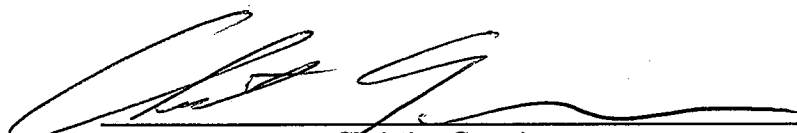
Bulk samples are examined by Polarized Light Microscopy (PLM) with Dispersion Staining as recommended by the U.S. Environmental Protection Agency (EPA).

Results: Results are reported as a percent(%) of total asbestos present for each asbestos type identified within each distinguishable layer, or sub-sample, of a sample. Other non-asbestos materials may also be identified.

Explanation: Reported results are a visual estimate by area of asbestos concentration. Results for heterogeneous samples examined by component are reported as a composite. The lower limit of reliable detection for the PLM methods is 1%. Samples which contain asbestos in a concentration lower than the limit of reliable detection (<1%) commonly referred to as "trace" are reported as "<1%". Trace is defined as reproducible detection levels of asbestos with at least five fibers spread over three slides, per NIST Proficiency Test instructions. Samples in which no asbestos is observed are reported as ND (None Detected). Note: When ND appears on a report, it means that asbestos was not observed and that, if present, it exists in concentrations of <1% and/or fiber dimensions are too small for accurate microscopic resolution.

CSCCL is accredited by the National Voluntary Laboratory Accreditation Program for the specific scope of accreditation under NVLAP Lab Code 200324. Results reported relate only to sample(s) submitted and tested and do not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without prior written authorization is prohibited. In addition, this report is not to be used to claim product endorsement by NVLAP or any agency of the U.S. Government.


Clay Egner
Laboratory Analyst


Christian Goerrissen
Laboratory Analyst/Manager

Note: Our policy is to dispose of samples unless written notification is received in our office within 30 days of this report

ND = None Detected



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Requested Turn around time

Chain of Custody Form- Bulk Sampling

RUSH

CSC Job #	Sampling By	Date Taken	# Samples	Page #	Total Pages	
1014468	CSC - C. Goerrissen	August 20, 2007	58	1	5	
Job Name & Location			Billing Info:			
Fort MacArthur Community Center			Department of the Air Force			
Building 403			483 North Aviation Boulevard			
San Pedro, CA 90731			El Segundo, CA 90245			
Building #:	Building 403 - Community Center		Lab Submitted to:	CSC		
ID #	Material Description	HM	Location of Sample	Condition	Friable	Quantity
4468 B-1	PINK 12x12 FLOOR TILE	1	NORTH ENTRANCE BY SNACK BAR & LIBRARY			
4468 B-2	YELLOW FLOOR TILE GLUE	2				
4468 B-3	PINK 12x12 FLOOR TILE	1				
4468 B-4	YELLOW FLOOR TILE GLUE	2				
4468 B-5	PINK 12x12 FLOOR TILE	1	NORTH ENTRANCE, NORTH OF GARDEN ROOM			
4468 B-6	YELLOW FLOOR TILE GLUE	2				
4468 B-7	PINK 4" VINYL WALL BASE	3	NORTH ENTRANCE BY SNACK BAR & LIBRARY			
4468 B-8	YELLOW WALL BASE GLUE	4				
4468 B-9	PINK 4" VINYL WALL BASE	3	NORTH ENTRANCE, NORTH OF GARDEN ROOM			
4468 B-10	YELLOW WALL BASE GLUE	4				
4468 B-11	PINK 4" VINYL WALL BASE	3				
4468 B-12	YELLOW WALL BASE GLUE	4				
4468 B-13	PINK SPECKLED SHEET FLOORING	5	SNACK KITCHEN FLOOR, NE CORNER			
4468 B-14	YELLOW FLOOR GLUE	6				
CONDITION CODE		FRIABLE CODE		HOMOGENEOUS CODE		QUANTITY CODE
G= GOOD	F= FAIR	P= POOR	Y= YES	N= NO	HA= HOMOGENEOUS MATERIAL	SF= Square Ft. LF= LINEAR Ft.
INSPECTION COMMENTS:						
Relinquished By:			Date & Time			
[Signature]			8/20/07 @ 4:20 PM			
Received By:			Date & Time			
[Signature]			8-20-07 1730			



HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Requested Turn around time

Chain of Custody Form- Bulk Sampling

RUSH

CSC Job #	Sampling By	Date Taken	# Samples	Page #	Total Pages	
1014468	CSC - C. Goerrissen	August 20, 2007	58	2	5	
Job Name & Location			Billing Info:			
Fort MacArthur Community Center			Department of the Air Force			
Building 403			483 North Aviation Boulevard			
San Pedro, CA 90731			El Segundo, CA 90245			
Building #:	Building 403 - Community Center		Lab Submitted to:	CSC		
ID #	Material Description	HM	Location of Sample	Condition	Friable	Quantity
4468	YELLOW CARPET	7	GARDEN ROOM,			
B-15	GLUE		NE CORNER			
4468		7	FIRESIDE ROOM,			
B-16			WEST SIDE			
4468		7	BALLROOM, EAST			
B-17			SIDE			
4468	YELLOW/BLACK	8	MUSEUM/STUDY, S. SIDE			
B-18	FLOOR GLUE		(UNDER CARPET ON SUB-FLOOR)			
4468		8	DIR'R OFFICE, SE CORNER			
B-19			(UNDER CARPET ON SUB-FLOOR)			
4468	WHITE CAULKING,	9	DIR'R OFFICE, WEST			
B-20	ON WOOD BASE BOARD		WALL @ BASE			
4468		9	GARDEN ROOM, SW			
B-21			CORNER @ BASE			
4468		9	BALLROOM, SW			
B-22			WALL @ BASE			
4468	DRYWALL SYSTEM	10	NORTH ENTRY, NORTH			
B-23	- JOINT COMPOUND		OF GARDEN ROOM			
4468		10				
B-24	- WALLBOARD					
4468		10	HALLWAY BY NW			
B-25	- JOINT COMPOUND		RESTROOMS			
4468		10				
B-26	- WALLBOARD					
4468		10	HALL BETWEEN GARDEN			
B-27	- JOINT COMPOUND		ROOM & PATIO ROOM			
4468		10				
B-28	✓ - WALLBOARD					
CONDITION CODE		FRIABLE CODE		HOMOGENEOUS CODE		QUANTITY CODE
G= GOOD	F= FAIR	P= POOR	Y= YES	N= NO	HA= HOMOGENEOUS MATERIAL	SF= Square Ft. LF= LINEAR Ft.
INSPECTION COMMENTS:						
Relinquished By:				Date & Time		
[Signature]				8/20/07 @ 4:20 PM		
Received By:				Date & Time		
[Signature]				8-20-07 1730		



Chain of Custody Form- Bulk Sampling

RUSH

CSC Job #	Sampling By	Date Taken	# Samples	Page #	Total Pages	
1014468	CSC - C. Goerrissen	August 20, 2007	58	3	5	
Job Name & Location			Billing Info:			
Fort MacArthur Community Center			Department of the Air Force			
Building 403			483 North Aviation Boulevard			
San Pedro, CA 90731			El Segundo, CA 90245			
Building #:	Building 403 - Community Center		Lab Submitted to:	CSC		
ID #	Material Description	HM	Location of Sample	Condition	Friable	Quantity
4468	DRYWALL SYSTEM	10	BALLROOM, NW CORNER			
B-29	- JOINT COMPOUND					
4468		10				
B-30	- WALLBOARDS					
4468		10	BALLROOM, SOUTH WALL @ W. SIDE			
B-31	- JOINT COMPOUND					
4468		10				
B-32	- WALLBOARDS					
4468		10	SE ENTRY TO LOBBY, SE CORNER			
B-33	- JOINT COMPOUND					
4468		10				
B-34	- WALLBOARDS					
4468		10	PATIO ROOM, NORTH WALL - CENTER			
B-35	- JOINT COMPOUND					
4468		10				
B-36	✓ - WALLBOARD					
4468	PLASTER SYSTEM	11	NW HALLWAY, WEST OF GARDEN ROOM			
B-37	- PLASTER					
4468		11	GARDEN ROOM, SOUTH WALL			
B-38	✓					
4468	PLASTER SYSTEM	11	SNACK KITCHEN CEILING			
B-39	- PLASTER					
4468		11				
B-40	- BOTTOMBOARDS					
4468		11	SNACK BAR CEILING			
B-41	- PLASTER					
4468		11				
B-42	✓ - BOTTOMBOARDS					
CONDITION CODE		FRIABLE CODE		HOMOGENEOUS CODE		QUANTITY CODE
G= GOOD	F= FAIR	P= POOR	Y= YES	N= NO	HA= HOMOGENEOUS MATERIAL	SF= Square Ft. LF= LINEAR Ft.
INSPECTION COMMENTS:						
Relinquished By:				Date & Time		
[Signature]				8/20/07 @ 4:20 PM		
Received By:				Date & Time		
[Signature]				8-20-07 1730		



Chain of Custody Form- Bulk Sampling

RUSH

CSC Job #	Sampling By	Date Taken	# Samples	Page #	Total Pages	
1014468	CSC - C. Goerrissen	August 20, 2007	58	4	5	
Job Name & Location			Billing Info:			
Fort MacArthur Community Center			Department of the Air Force			
Building 403			483 North Aviation Boulevard			
San Pedro, CA 90731			El Segundo, CA 90245			
Building #:	Building 403 - Community Center		Lab Submitted to:	CSC		
ID #	Material Description	HM	Location of Sample	Condition	Friable	Quantity
4468 B-43	PLASTER SYSTEM - PLASTER	11	FIRESIDE ROOM, NORTH WALL			
4468 B-44		11	FIRESIDE ROOM, SOUTH WALL CENTER			
4468 B-45		11	PATIO ROOM, WEST WALL CENTER			
4468 B-46	ACOUSTICAL CEILING, SPRAY	12	FIRESIDE ROOM, WEST SIDE			
4468 B-47		13	FIRESIDE ROOM, SOUTH SIDE			
4468 B-48		13	BALLROOM, NORTH- EAST ABOVE STAGE			
4468 B-49		12	LOBBY, NORTHWEST CORNER			
4468 B-50		12	PATIO ROOM, NW CORNER			
4468 B-51		12	PATIO ROOM, SW SE CORNER			
4468 B-52		12	HALL BETWEEN PATIO ROOM & KITCHEN, W. SIDE			
4468 B-53	2'X2' CEILING, PANEL - ROUGH TEXT	13	HALL @ NE CORNER OF FIRESIDE ROOM			
4468 B-54		13	FOYER BY SOUTHWEST ROOM & BALLROOM			
4468 B-55		13	SE ENTRY TO LOBBY, NE CORNER			
4468 B-56	2'X4' CEILING, PANEL - FISSURED	14	LIBRARY (STORAGE) CEILING			
CONDITION CODE		FRIABLE CODE		HOMOGENEOUS CODE		QUANTITY CODE
G= GOOD	F= FAIR	P= POOR	Y= YES	N= NO	HA= HOMOGENEOUS MATERIAL	SF= Square Ft. LF= LINEAR Ft.
INSPECTION COMMENTS:						
Relinquished By:				Date & Time		
				8/20/07 @ 4:20 PM		
Received By:				Date & Time		
				8-20-07 1730		



RJS#

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APPENDIX D
LEAD-BASED PAINT XRF RESULTS





XRF LBP INSPECTION REPORT

CSC Project #

Paint Page 1

Serial #XL309-U1312NR7864 Site: Fort MacArthur C. C., Bldg. 403, San Pedro, Ca. Date: 8/21/2007

XLNo	Side	Room	Shutter Cal	Strc	Sub	Feat	Cnd	Clr	Ssec	Date/Time	Result	Pbc ± Prec
1		Exterior	1						42.8	8/21/2007 08:21:04	...	NA
2		Nist Calibration		SRM 2573	1.0 mg/cm			Red	30.1	8/21/2007 08:23:03	POS	1.01 ± 0.10
3		Nist Calibration		SRM 2573	1.0 mg/cm			Red	30.1	8/21/2007 08:24:08	POS	1.03 ± 0.10
4		Nist Calibration		SRM 2573	1.0 mg/cm			Red	30.2	8/21/2007 08:25:14	POS	1.04 ± 0.10
5	A	Exterior		Wall	STUCCO		Intact	Beige	12.4	8/21/2007 08:28:19	NEG	0.00 ± 0.01
6	A	Exterior		Window	Wood	Stool	Intact	White	3.1	8/21/2007 08:29:04	NEG	0.01 ± 0.03
7	A	Exterior		Window	Wood	Casing	Intact	White	3.1	8/21/2007 08:29:21	NEG	0.00 ± 0.01
8	A	Exterior		Door	Wood		Intact	White	3.1	8/21/2007 08:29:49	NEG	0.00 ± 0.02
9	A	Exterior		Door	Metal	Casing	Intact	White	3.2	8/21/2007 08:30:11	NEG	0.00 ± 0.01
10	B	Exterior		Wall	Stucco		Intact	Beige	17.0	8/21/2007 08:31:35	NEG	-0.02 ± 0.56
11	B	Exterior		Window	Wood	Stool	Intact	White	3.1	8/21/2007 08:32:26	NEG	0.08 ± 0.29
12	B	Exterior		Window	Wood	Casing	Intact	White	2.9	8/21/2007 08:32:42	POS	11.28 ± 4.86
13	B	Exterior		Door	Wood		Intact	White	3.1	8/21/2007 08:33:01	NEG	0.00 ± 0.01
14	B	Exterior		Door	Metal	Casing	Intact	White	3.2	8/21/2007 08:33:25	NEG	0.00 ± 0.07
15	C	Exterior		Wall	Stucco		Intact	Beige	12.4	8/21/2007 08:34:39	NEG	-0.25 ± 0.72
16	C	Exterior		Door	Wood		Intact	White	3.1	8/21/2007 08:35:21	NEG	0.07 ± 0.17
17	C	Exterior		Door	Metal	Casing	Intact	White	3.2	8/21/2007 08:35:39	NEG	0.00 ± 0.10
18	C	Exterior		Window	Metal	Stool	Peeling	White	9.7	8/21/2007 08:36:33	NEG	0.32 ± 0.22
19	C	Exterior		Window	Metal	Casing	Intact	White	20.5	8/21/2007 08:37:10	NEG	0.58 ± 0.12
20	D	Exterior		Wall	Stucco		Intact	Beige	21.7	8/21/2007 08:39:38	NEG	0.00 ± 0.05
21	D	Exterior		Window	Wood	Stool	Intact	White	3.0	8/21/2007 08:40:38	POS	16.91 ± 3.52
22	D	Exterior		Window	Wood	Casing	Intact	White	5.1	8/21/2007 08:40:55	POS	10.44 ± 2.24
23	D	Exterior		Door	Wood		Intact	White	5.2	8/21/2007 08:41:17	NEG	0.00 ± 0.01
24	D	Exterior		Door	Metal	Casing	Peeling	White	3.2	8/21/2007 08:41:40	NEG	0.01 ± 0.20
25	D	Exterior		COLMN	Metal		Intact	Beige	2.9	8/21/2007 08:42:22	POS	23.48 ± 8.04
26	D	Exterior		COLMN	Metal		Intact	Beige	3.0	8/21/2007 08:42:38	POS	22.09 ± 5.11
27	D	Exterior		EAVE	Wood		Peeling	Beige	3.0	8/21/2007 08:50:06	POS	16.09 ± 3.79
28	D	Exterior		RAFTER	Wood		Peeling	Beige	3.1	8/21/2007 08:50:38	POS	12.57 ± 3.28
29		Room 9		Ceiling	ACOUSTIC		Intact	White	17.0	8/21/2007 08:55:39	NEG	0.00 ± 0.51
30		Room 9		Ceiling BEAM	Wood		Intact	White	12.2	8/21/2007 08:56:41	NEG	0.01 ± 0.12
31	A	Room 9		Floor	Wood		Intact	Brown	3.0	8/21/2007 08:58:46	NEG	0.00 ± 0.02
32	A	Room 9		Baseboard	Wood		Intact	Brown	3.0	8/21/2007 08:59:05	NEG	0.00 ± 0.14



XRF LBP INSPECTION REPORT

CSC Project #

Site: Fort MacArthur C. C., Bldg. 403, San Pedro, Ca. Date: 8/Paint Page 2

XLNo	Side	Room	Strc	Sub	Feat	Cnd	Clr	Ssec	Date/Time	Result	Pbc ± Prec
33	A	Room 9	Baseboard	Wood		Intact	White	9.9	8/21/2007 08:59:25	NEG	0.12 ± 0.32
34	A	Room 9	Door	Wood	Casing	Intact	White	16.6	8/21/2007 08:59:57	NEG	0.37 ± 0.30
35	A	Room 9	Wall	Plaster		Intact	White	14.7	8/21/2007 09:00:41	NEG	-0.18 ± 0.65
36	B	Room 9	Wall	Plaster		Intact	White	12.4	8/21/2007 09:01:23	NEG	-0.31 ± 0.60
37	B	Room 9	Wall	Wood		Intact	White	12.0	8/21/2007 09:01:58	NEG	0.24 ± 0.35
38	C	Room 9	Wall	Plaster		Intact	White	21.6	8/21/2007 09:03:09	NEG	0.03 ± 0.09
39	D	Room 9	Wall	Plaster		Intact	White	12.4	8/21/2007 09:04:04	NEG	-0.47 ± 0.66
40	D	Room 9	CRWN MLDNG	Wood		Intact	White	7.6	8/21/2007 09:05:46	NEG	0.06 ± 0.14
41	D	Room 9	Window	Wood	Casing	Intact	White	3.1	8/21/2007 09:06:27	NEG	0.02 ± 0.33
42	D	Room 9	Window	Wood	Stool	Intact	White	30.1	8/21/2007 09:06:44	NEG	0.32 ± 0.37
43	B	Room 9	Cabinet	Wood	Door Out	Intact	White	3.1	8/21/2007 09:08:04	NEG	0.00 ± 0.01
44	B	Room 9	Cabinet	Wood	Wall	Intact	White	12.0	8/21/2007 09:08:21	NEG	0.22 ± 0.37
45	B	Room 9	MANTEl	Wood	Wall	Intact	White	7.6	8/21/2007 09:09:16	NEG	0.09 ± 0.20
46	B	Room 9	COLMN	Wood	Wall	Intact	White	3.1	8/21/2007 09:10:02	NEG	0.02 ± 0.07
47		Room 10	Ceiling	ACOUSTIC		Intact	White	5.1	8/21/2007 09:12:00	NEG	0.00 ± 0.01
48	A	Room 10	Wall	Plaster		Intact	White	10.1	8/21/2007 09:12:27	NEG	-0.49 ± 0.70
49	B	Room 10	Wall	Plaster		Intact	White	10.2	8/21/2007 09:12:58	NEG	-0.28 ± 0.64
50	C	Room 10	Wall	Plaster		Intact	White	14.7	8/21/2007 09:13:29	NEG	-0.05 ± 0.54
51	D	Room 10	Wall	Plaster		Intact	White	17.0	8/21/2007 09:14:08	NEG	0.07 ± 0.46
52	D	Room 10	Baseboard	Wood		Intact	Brown	3.1	8/21/2007 09:14:57	NEG	0.00 ± 0.02
53	D	Room 10	Window	Wood	Casing	Intact	White	3.1	8/21/2007 09:15:19	NEG	0.00 ± 0.02
54	D	Room 10	Window	Wood	Stool	Intact	White	20.9	8/21/2007 09:15:34	NEG	0.27 ± 0.38
55	C	Room 10	Cabinet	Wood	Door Out	Intact	Brown	3.1	8/21/2007 09:17:51	NEG	0.00 ± 0.02
56	C	Room 10	Cabinet	Wood	Wall	Intact	Brown	3.1	8/21/2007 09:18:10	NEG	0.00 ± 0.11
57		Room 11	Floor	CERAMIC		Intact	PURPLE	25.2	8/21/2007 09:19:17	NEG	0.21 ± 0.49
58	A	Room 11	Wall	CERAMIC		Intact	PURPLE	10.1	8/21/2007 09:20:26	NEG	0.08 ± 0.26
59	A	Room 11	Wall	CERAMIC		Intact	PURPLE	9.5	8/21/2007 09:20:52	POS	3.10 ± 1.08
60	A	Room 11	Baseboard	CERAMIC		Intact	PURPLE	17.5	8/21/2007 09:21:31	NEG	-0.01 ± 0.55
61	B	Room 11	Wall	CERAMIC		Intact	PURPLE	7.4	8/21/2007 09:22:55	POS	3.45 ± 1.22
62	B	Room 11	Wall	CERAMIC		Intact	PURPLE	5.5	8/21/2007 09:23:17	NEG	0.03 ± 0.08
63	B	Room 11	Wall	Plaster		Intact	White	21.7	8/21/2007 09:23:38	NEG	0.00 ± 0.08
64	A	Room 11	Window	Wood	Sash	Intact	White	21.1	8/21/2007 09:24:36	NEG	0.51 ± 0.22
65	A	Room 11	Window	Wood	Casing	Intact	White	21.1	8/21/2007 09:25:31	NEG	0.48 ± 0.28



XRF LBP INSPECTION REPORT

CSC Project #

Site: Fort MacArthur C. C., Bldg. 403, San Pedro, Ca. Date: 8/Paint Page 3

XLNo	Side	Room	Strc	Sub	Feat	Cnd	Clr	Ssec	Date/Time	Result	Pbc ± Prec
66	A	Room 11	PARTITION	Metal		Intact	White	19.8	8/21/2007 09:27:25	NEG	0.07 ± 0.55
67		Room 7	Ceiling	Acoustic		Intact	White	3.1	8/21/2007 09:31:40	NEG	0.00 ± 0.02
68	A	Room 7	Wall	Plaster		Intact	White	7.8	8/21/2007 09:32:01	NEG	0.00 ± 0.01
69	B	Room 7	Wall	Plaster		Intact	White	17.1	8/21/2007 09:32:28	NEG	-0.06 ± 0.51
70	C	Room 7	Wall	Plaster		Intact	White	10.1	8/21/2007 09:33:39	NEG	-0.51 ± 0.80
71	D	Room 7	Wall	Plaster		Intact	White	10.1	8/21/2007 09:34:11	NEG	0.00 ± 0.01
72	D	Room 7	Baseboard	Wood		Intact	White	9.9	8/21/2007 09:34:44	NEG	0.14 ± 0.23
73	D	Room 7	Baseboard	Wood		Intact	Brown	3.0	8/21/2007 09:35:15	NEG	0.00 ± 0.02
74	B	Room 7	Door	Wood		Intact	White	3.1	8/21/2007 09:35:45	NEG	0.02 ± 0.07
75	B	Room 7	Door	Wood	Casing	Intact	White	3.1	8/21/2007 09:36:00	NEG	0.01 ± 0.32
76	D	Room 7	Window	Wood	Sash	Intact	White	18.9	8/21/2007 09:36:20	NEG	0.58 ± 0.47
77	D	Room 7	Window	Wood	Casing	Intact	White	14.4	8/21/2007 09:37:06	NEG	0.41 ± 0.41
78		Room 8	Ceiling	Plaster		Intact		10.2	8/21/2007 09:38:23	NEG	-0.49 ± 0.77
79	A	Room 8	Wall	Plaster		Intact		12.4	8/21/2007 09:38:54	NEG	-0.35 ± 0.68
80	B	Room 8	Wall	Plaster		Intact		19.4	8/21/2007 09:39:30	NEG	-0.04 ± 0.53
81	C	Room 8	Wall	Plaster		Intact		21.7	8/21/2007 09:40:22	NEG	0.00 ± 0.01
82	D	Room 8	Wall	Plaster		Intact		3.0	8/21/2007 09:41:10	NEG	0.00 ± 0.02
83		Room 6	Ceiling	ACOUSTIC		Intact	White	3.0	8/21/2007 09:43:23	NEG	0.00 ± 0.02
84	A	Room 6	Wall	Plaster		Intact	White	12.4	8/21/2007 09:43:42	NEG	-0.14 ± 0.55
85	B	Room 6	Wall	Plaster		Intact	White	10.1	8/21/2007 09:44:16	NEG	-0.33 ± 0.59
86	C	Room 6	Wall	Plaster		Intact	White	10.1	8/21/2007 09:44:53	NEG	0.10 ± 0.25
87	D	Room 6	Wall	Plaster		Intact	White	17.1	8/21/2007 09:45:21	NEG	0.03 ± 0.49
88	D	Room 6	CHAIRRAIL	Wood		Intact	White	3.1	8/21/2007 09:46:15	NEG	0.00 ± 0.14
89	D	Room 6	Window	Wood	Casing	Intact	White	59.3	8/21/2007 09:46:36	POS	0.72 ± 0.28
90	B	Room 6	Door	Wood		Intact	White	3.1	8/21/2007 09:49:12	NEG	0.00 ± 0.02
91		Room 5	Ceiling	Plaster		Intact	White	10.2	8/21/2007 09:51:57	NEG	0.00 ± 0.01
92		Room 5	Ceiling	ACOUSTIC		Intact	White	12.4	8/21/2007 09:52:45	NEG	0.05 ± 0.47
93		Room 5	Floor	Wood		Intact	Brown	3.0	8/21/2007 09:53:50	NEG	0.00 ± 0.02
94	A	Room 5	Wall	Plaster		Intact	White	42.2	8/21/2007 09:54:57	NEG	0.60 ± 0.30
95	B	Room 5	Wall	Plaster		Intact	White	21.6	8/21/2007 09:56:51	POS	0.75 ± 0.49
96	C	Room 5	Wall	Plaster		Intact	White	21.7	8/21/2007 09:57:53	NEG	0.01 ± 0.10
97	D	Room 5	Wall	Plaster		Intact	White	12.4	8/21/2007 09:58:51	NEG	-0.29 ± 0.55
98	C	Room 5	Window	Wood	Casing	Intact	White	25.3	8/21/2007 09:59:32	POS	0.68 ± 0.20



XRF LBP INSPECTION REPORT

CSC Project #

Site: Fort MacArthur C. C., Bldg. 403 ,San Pedro, Ca. Date: 8/Paint Page 4

XLNo	Side	Room	Strc	Sub	Feat	Cnd	Clr	Ssec	Date/Time	Result	Pbc ± Prec
99	C	Room 5	Door	Wood		Intact	White	3.1	8/21/2007 10:00:35	NEG	0.00 ± 0.02
100	C	Room 5	Baseboard	Wood		Intact	Brown	3.0	8/21/2007 10:01:12	NEG	0.00 ± 0.02
101	A	Room 5	Window	Wood	Casing	Intact	White	7.5	8/21/2007 10:03:54	NEG	0.00 ± 0.01
102	A	Room 5	CHAIRRAIL	Wood		Intact	Black	3.0	8/21/2007 10:04:51	NEG	0.05 ± 0.15
103		Room 4	Ceiling	ACOUSTIC		Fair	White	3.0	8/21/2007 10:07:34	NEG	0.03 ± 0.02
104		Room 4	CRWN MLDNG	Wood		Intact	Green	3.1	8/21/2007 10:08:48	NEG	0.00 ± 0.01
105	A	Room 4	Wall	Plaster		Intact	White	10.2	8/21/2007 10:09:20	NEG	0.00 ± 0.01
106	B	Room 4	Wall	Plaster		Intact	White	12.4	8/21/2007 10:09:57	NEG	-0.42 ± 0.77
107	C	Room 4	Wall	Plaster		Intact	White	10.2	8/21/2007 10:10:34	NEG	-0.47 ± 0.69
108	D	Room 4	Wall	Plaster		Intact	White	7.8	8/21/2007 10:11:09	NEG	0.15 ± 0.31
109		Room 4	Floor	Wood		Intact	Brown	3.0	8/21/2007 10:11:37	NEG	0.00 ± 0.02
110	D	Room 4	CHAIRRAIL	Wood		Intact	Brown	3.0	8/21/2007 10:12:04	NEG	0.00 ± 0.02
111	D	Room 4	Baseboard	Wood		Intact	Brown	3.1	8/21/2007 10:12:22	NEG	0.01 ± 0.02
112	C	Room 4	Window	Wood	Casing	Intact	White	21.1	8/21/2007 10:12:59	NEG	0.45 ± 0.36
113	D	Room 4	Cabinet	Wood	Wall	Intact	Brown	3.1	8/21/2007 10:15:19	NEG	0.00 ± 0.01
114	D	Room 4	COUNTR TOP	Wood	Wall	Intact	Brown	3.0	8/21/2007 10:15:46	NEG	0.00 ± 0.02
115		Room 3	Floor	Wood		Intact	Brown	3.0	8/21/2007 10:16:32	NEG	0.00 ± 0.02
116	A	Room 3	Baseboard	Wood		Intact	Brown	3.1	8/21/2007 10:16:53	NEG	0.00 ± 0.13
117	A	Room 3	Wall	Plaster		Intact	White	14.7	8/21/2007 10:17:15	NEG	0.02 ± 0.52
118	B	Room 3	Wall	Plaster		Intact	White	12.4	8/21/2007 10:17:52	NEG	-0.18 ± 0.53
119	C	Room 3	Wall	Plaster		Intact	White	12.4	8/21/2007 10:18:27	NEG	-0.14 ± 0.58
120	D	Room 3	Wall	Plaster		Intact	White	12.4	8/21/2007 10:19:00	NEG	0.02 ± 0.08
121	D	Room 3	Door	Wood		Intact	White	3.1	8/21/2007 10:19:35	NEG	0.02 ± 0.06
122	D	Room 3	Door	Wood	Casing	Intact	White	3.0	8/21/2007 10:19:50	NEG	0.00 ± 0.02
123	D	Room 3	Window	Wood	Casing	Poor	White	3.0	8/21/2007 10:20:10	NEG	0.00 ± 0.02
124	D	Room 3	Ceiling	ACOUSTIC		Intact	White	10.2	8/21/2007 10:21:45	NEG	-0.27 ± 0.64
125	D	Room 3	CRWN MLDNG	Wood		Intact	White	3.1	8/21/2007 10:22:30	NEG	0.00 ± 0.01
126		Room 2	Ceiling	ACOUSTIC		Intact	White	3.1	8/21/2007 10:24:01	NEG	0.01 ± 0.04
127		Room 2	CRWN MLDNG	Wood		Intact	White	3.1	8/21/2007 10:24:39	NEG	0.00 ± 0.02
128		Room 2	Floor	Wood		Intact	Brown	3.1	8/21/2007 10:25:13	NEG	0.00 ± 0.02
129	A	Room 2	Wall	Plaster		Intact	White	10.1	8/21/2007 10:27:58	NEG	0.05 ± 0.15
130	B	Room 2	Wall	Plaster		Intact	White	12.4	8/21/2007 10:28:29	NEG	-0.30 ± 0.72
131	C	Room 2	Wall	Plaster		Intact	White	12.4	8/21/2007 10:29:18	NEG	-0.12 ± 0.57



XRF LBP INSPECTION REPORT

CSC Project #

Site: Fort MacArthur C. C., Bldg. 403, San Pedro, Ca. Date: 8/Paint Page 5

XLNo	Side	Room	Strc	Sub	Feat	Cnd	Clr	Ssec	Date/Time	Result	Pbc ± Prec
132	D	Room 2	Wall	Plaster		Intact	White	21.7	8/21/2007 10:29:54	NEG	0.28 ± 0.30
133	D	Room 2	Baseboard	Wood		Intact	White	3.1	8/21/2007 10:30:51	NEG	0.00 ± 0.01
134	D	Room 2	CHAIRRAIL	Wood		Intact	White	3.2	8/21/2007 10:31:18	NEG	0.00 ± 0.13
135	D	Room 2	Window	Wood	Casing	Intact	White	3.1	8/21/2007 10:31:36	NEG	0.13 ± 0.24
136	D	Room 2	Door	Wood		Intact	White	3.1	8/21/2007 10:31:58	NEG	0.00 ± 0.12
137	D	Room 2	Door	Wood	Casing	Intact	White	14.2	8/21/2007 10:32:13	NEG	0.24 ± 0.32
138		Nist Calibration	SRM 2573	1.0 mg/cm			Red	30.2	8/21/2007 10:40:31	POS	0.98 ± 0.08
139		Nist Calibration	SRM 2573	1.0 mg/cm			Red	30.2	8/21/2007 10:41:38	POS	1.05 ± 0.10
140		Nist Calibration	SRM 2573	1.0 mg/cm			Red	30.2	8/21/2007 10:42:44	POS	1.02 ± 0.10

Inspection Comments:
Results are reported in the Pbc column and in mg/cm².

Site Inspector Signature:

California DHS Inspector #

Date:

I 2558

08/21/07

LEAD HAZARD EVALUATION REPORT**Section 1- Date of Lead Hazard Evaluation:** 08/21/07**Section 2- Type of Lead Hazard Evaluation (Check only one)**☐ Lead Inspection ☐ Risk assessment ☐ Clearance Inspection ☒ Other (specify): Limited Lead Inspection**Section 3- Structure where Lead Hazard Evaluation was conducted**

Address (number, street, apartment (if applicable)) Fort MacArthur Community Center, Building #403		City San Pedro	County Los Angeles	Zip Code 90731
Year Built 1935	Type of Structure (check only one) <input type="checkbox"/> Single family dwelling <input type="checkbox"/> Multi-family bldg <input type="checkbox"/> Child-occupied facility <input checked="" type="checkbox"/> Other(specify): Community Center			

Section 4- Owner of Structure (If business/agency, list contact person)

Name Department of the Air Force, Elizabeth Jones		Telephone number (310) 647-7054	
Address (number, street, apartment (if applicable)) 483 North Aviation Boulevard	City El Segundo	State CA	Zip 90245

Section 5- Results of Hazard Evaluation (Check one box only)☐ **No Lead-based paint detected.**

A lead inspection was conducted following the procedures outlined in Title 17, California Code of Regulations, Division 1, Chapter 8. No lead-based paint was detected during this lead inspection. This structure is found to be lead-based paint free.


☐ **No lead hazards detected.**

A lead hazard evaluation was conducted following the procedures outlined in Title 17, California Code of Regulations, Division 1, Chapter 8. No lead hazards were detected.

☒ **Lead-based paint and/or lead hazards detected.**

A lead inspection was conducted following the procedures outlined in Title 17, California Code of Regulations, Division 1, Chapter 8. Lead-based paint and/or lead hazards were detected.

Section 6- Individual Conducting Lead Hazard Evaluation

Name Clark Seif Clark, Inc.- David Hall		Telephone number (818) 727-2553	
Address (number, street, unit (if applicable)) 21732 Devonshire Street, 2 nd Floor	City Chatsworth	State California	Zip Code 91311
Brand name and serial number of any portable x-ray fluorescence (XRF) instrument used (if applicable) U1312NR7864			
DHS certification number I-2558	Signature 		Date 08/21/07

Section 7- Attachments

- A. A foundation diagram or sketch of the structure indicating the specific locations of each lead hazard or presence of lead-based paint;
B. Each testing method, device, and sampling procedure used;
C. All data collected, including quality control data, laboratory results, including laboratory name, address, and phone number

Original + attachments retained by the inspector

Copy + attachments retained by the owner

Copy w/ no attachments mailed to:

Department of Health Services (DHS)
Childhood Lead Poisoning Prevention Branch
LHE Reports
1515 Clay Street, Suite 1801
Oakland, CA 94612